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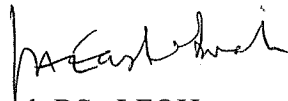
**University of Manchester, Quarterly mercury monitoring, May/June 2011**

Dear Melanie

Please find below the results of the analyses of the atmospheric mercury samples collected in May/June, reported both in sampler order and in location order.

If you have any queries please do not hesitate to call me.

Yours sincerely



Andrew Easterbrook BSc LFOH  
Occupational Hygiene Unit

**Table of results of monitoring in, May/June 2011, in sampler order**

HSL Sample no.	Sample ref. no.	Building	Room	Position	Amount of mercury collected on sampler (µg)	Concentration Mercury in sampled air (µg/m <sup>3</sup> )
03692/11	Passive ID 1	Museum	B58	Mid room, rack	4.11	10.2
03693/11	Passive ID 2	Museum	B56	Rack nr ext wall	2.29	5.7
03694/11	Passive ID 3	Museum	B55	Rack, middle of room	1.74	4.3
03695/11	Passive ID 4	Museum	B62	Rack over bench	2.04	5.1
03696/11	Passive ID 5	Museum	G53	Shelf 2, bay 54	0.95	2.4
03697/11	Passive ID 6	Museum	G54	Rack under mezz floor	1.92	4.8
03698/11	Passive ID 7	Blank			<0.01	n/a
03699/11	Passive ID 8	Psy Annex	1.31	On wall shelves	1.13	2.8
03700/11	Passive ID 9	Psy Annex	1.38	On wall near desk	0.37	0.9
03701/11	Passive ID 10	Psy Annex	1.39	On wall shelves	0.17	0.4
03702/11	Passive ID 11	Psy Annex	1.41	On black board	0.78	1.9
03703/11	Passive ID 12	Psy Annex	1.41A	On window bet offices	0.84	2.1
03704/11	Passive ID 13	Psy Annex	1.41B	Near filing cab in corner	1.41	3.5
03705/11	Passive ID 14	Blank			<0.01	n/a
03706/11	Passive ID 15	Rutherford	2.57	On dado behind desk	0.14	0.4
03707/11	Passive ID 16	Rutherford	2.58	Shelves behind desk	0.29	0.7
03708/11	Passive ID 17	Rutherford	2.59	Notice board	0.14	0.3
03709/11	Passive ID 18	Rutherford	2.53	On side of cupboard	0.20	0.5
03710/11	Passive ID 19	Blank			<0.01	n/a
03711/11	Passive ID 20	Blank			<0.01	n/a

The lower limit of detection is shown on the analytical report as 0.01µg mercury. In a passive sample exposed for approximately 20 000 minutes (typical for these samples) and sampling at 20 ml/min (from MDHS 16/2) this would be equivalent to 0.002 µg/m<sup>3</sup>.

**Table of results of monitoring in, May/June 2011, in location order**

<b>HSL Sample no.</b>	<b>Sample ref. no.</b>	<b>Building</b>	<b>Room</b>	<b>Position</b>	<b>Amount of mercury collected on sampler (µg)</b>	<b>Concentration Mercury in sampled air (µg/m<sup>3</sup>)</b>
03694/11	Passive ID 3	Museum	B55	Rack, middle of room	1.74	4.3
03693/11	Passive ID 2	Museum	B56	Rack nr ext wall	2.29	5.7
03692/11	Passive ID 1	Museum	B58	Mid room, rack	4.11	10.2
03695/11	Passive ID 4	Museum	B62	Rack over bench	2.04	5.1
03696/11	Passive ID 5	Museum	G53	Shelf 2, bay 54	0.95	2.4
03697/11	Passive ID 6	Museum	G54	Rack under mezz floor	1.92	4.8
03699/11	Passive ID 8	Psy Annex	1.31	On wall shelves	1.13	2.8
03700/11	Passive ID 9	Psy Annex	1.38	On wall near desk	0.37	0.9
03701/11	Passive ID 10	Psy Annex	1.39	On wall shelves	0.17	0.4
03702/11	Passive ID 11	Psy Annex	1.41	On black board	0.78	1.9
03703/11	Passive ID 12	Psy Annex	1.41A	On window bet offices	0.84	2.1
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03705/11	Passive ID 14	Blank			<0.01	n/a
03710/11	Passive ID 19	Blank			<0.01	n/a
03711/11	Passive ID 20	Blank			<0.01	n/a